



Pat. No. 026263

PATENT  
Attorney Docket Number: 09785980-0054  
Client Ref. No.: 00CXT04651

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS:

Hiok-Nam TAY

ATTORNEY DOCKET NO.:

09785980-0054

SERIAL NO.: 09/982,540

GROUP ART UNIT: To be assigned

FILED: October 17, 2001

EXAMINER: To be assigned

TITLE: "ARRANGEMENT OF MICROLENSSES IN A SOLID-STATE IMAGE SENSOR  
FOR IMPROVING SIGNAL TO NOISE RATIO"

**REPLY TO NOTICE OF INCOMPLETE REPLY**

BOX Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

S I R:

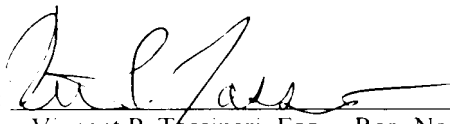
This is a reply to the Notice of Incomplete Reply mailed March 20, 2002 and to the Notice to File Missing Parts mailed on November 21, 2001. Transmitted with this reply is:

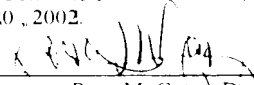
1. Return Receipt Postcard
2. Reply to Notice to of Incomplete Reply (1 page in duplicate)
3. Copy of March 20, 2002 Notice of Incomplete Reply (1 page)
4. Copy of November 21, 2001 Notice to Filing Missing Parts (2 pages)
5. Executed Declaration and Power of Attorney (3 pages)
6. Petition Under 37 C.F.R. § 1.47(b) to Make Application for Patent (17 pages)

- ☒ No additional claim fee is required.
- ☒ This is a general authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.
- ☒ *In connection with this application*, the Commissioner is hereby authorized to charge the extension fee and any additional fees that may be required, or to credit any overpayment to account No. 19-3140. A duplicate of this sheet is enclosed.

Respectfully submitted,  
SONNENSCHN NATH & ROSENTHAL  
Attorneys for Applicants

Dated: May 20, 2002

By:   
Vincent P. Tassinari, Esq., Reg. No. 42,179

<p>SONNENSCHN NATH &amp; ROSENTHAL P.O. Box 061080 Wacker Drive Station, Sears Tower Chicago, IL 60606-1080</p> <p>Attorney Customer Number: 026263 Phn: (312) 876-8000 Fax: (312) 876-7934</p>	<p><b><u>CERTIFICATE OF MAILING</u></b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: BOX Missing Parts, Commissioner for Patents, Washington, D.C. 20231 on May 20, 2002.</p> <p> Rose M. Garza Date: May 20, 2002</p>
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09 982,540

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FRC/VPT/rmg #14218749.1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/982,540	10/17/2001	Hiok-Nam Tay	09785980-0054

CONFIRMATION NO. 7758

## FORMALITIES LETTER



\*OC000000007106284\*

Francisco A. Rubio-Campos  
Sonnenschein Nath & Rosenthal  
P.O. Box 061080  
Wacker Drive Station, Sears Tower  
Chicago, IL 60606

Date Mailed: 11/21/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

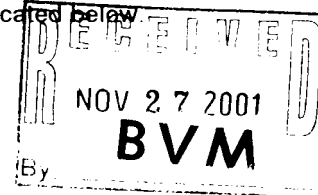
An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$102.
  - \$18 for 1 total claims over 20.
  - \$84 for 1 independent claims over 3.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(i) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 972.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
- An abstract was not provided for this application. An abstract of the technical disclosure is required under



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37 CFR 1.72(b).

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*A copy of this notice **MUST** be returned with the reply.*

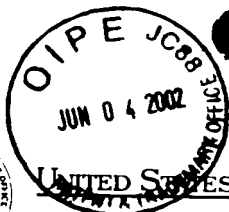


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Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/982,540	10/17/2001	Hiok-Nam Tay	09785980-0054

CONFIRMATION NO. 7758

## FORMALITIES LETTER



\*OC00000007680510\*

 Francisco A. Rubio-Campos  
 Sonnenschein Nath & Rosenthal  
 P.O. Box 061080  
 Wacker Drive Station, Sears Tower  
 Chicago, IL 60606

Date Mailed: 03/20/2002

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

*Filing Date Granted*

The U.S. Patent and Trademark Office has received your reply on 02/15/2002 to the Notice to File Missing Parts (Notice) mailed 11/21/2001 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The required items noted below SHOULD be filed along with any items required above. The filing date of this nonprovisional application will be the date of receipt of the items required above.

- The signature of the following inventor(s) is missing from the oath or declaration:  
Tay Hiok-Nam

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*A copy of this notice **MUST** be returned with the reply.*

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PART 2 - COPY TO BE RETURNED WITH RESPONSE

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